

OR for Sustainability: Assessing Contribution, Concepts and Research Issues

The purpose of this paper is to assess OR contribution and concepts used to address the "grand challenge" of sustainability. Firstly, systematic literature reviews of ABS ranked journals in OR are classified by sustainability dimension (i.e. economic, social, environmental and governance) and further by OR concepts and tools applied. Secondly, the emerging themes identified at a round-table discussion of OR society members in the UK attending the YOR18 conference in Exeter 2013 are presented. Research and practical implications for the OR community to address this challenge is outlined.

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Authors

or for sustainability assessing contribution concepts and research issues

Dr Miles Weaver

Associate Professor

Business School

0131 455 4306

M.Weaver@napier.ac.uk

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